



IFWO

RAW SEQUENCE LISTING

DATE: 07/26/2004

PATENT APPLICATION: US/10/779,718A

TIME: 15:04:34

Input Set : A:\BRUNE SEQUENCE LISTING.txt

Output Set: N:\CRF4\07262004\J779718A.raw

3 <110> APPLICANT: BRUNE, Martin Hermann Klemens
 5 <120> TITLE OF INVENTION: ASSAYS FOR NUCLEOSIDE DIPHOSPHATES AND TRIPHOSPHATES
 7 <130> FILE REFERENCE: 2004-0248/WMC/01779
 9 <140> CURRENT APPLICATION NUMBER: 10/779,718A
 10 <141> CURRENT FILING DATE: 2004-02-18
 12 <150> PRIOR APPLICATION NUMBER: 09/937,296
 13 <151> PRIOR FILING DATE: 2001-09-25
 15 <150> PRIOR APPLICATION NUMBER: PCT/GB00/01740
 16 <151> PRIOR FILING DATE: 2000-05-05
 18 <160> NUMBER OF SEQ ID NOS: 2
 20 <170> SOFTWARE: PatentIn Ver. 2.0
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 145
 24 <212> TYPE: PRT
 25 <213> ORGANISM: Myxococcus xanthus
 27 <400> SEQUENCE: 1
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 29 1 5 10 15
 31 Lys Gly Val Ile Gly Lys Ile Ile Ser Arg Phe Glu Glu Lys Gly Leu
 32 20 25 30
 34 Lys Pro Val Ala Ile Arg Leu Gln His Leu Ser Gln Ala Gln Ala Glu
 35 35 40 45
 37 Gly Phe Tyr Ala Val His Lys Ala Arg Pro Phe Phe Lys Asp Leu Val
 38 50 55 60
 40 Gln Phe Met Ile Ser Gly Pro Val Val Leu Met Val Leu Glu Gly Glu
 41 65 70 75 80
 43 Asn Ala Val Leu Ala Asn Arg Asp Ile Met Gly Ala Thr Asn Pro Ala
 44 85 90 95
 46 Gln Ala Ala Glu Gly Thr Ile Arg Lys Asp Phe Ala Thr Ser Ile Asp
 47 100 105 110
 49 Lys Asn Thr Val His Gly Ser Asp Ser Leu Glu Asn Ala Lys Ile Glu
 50 115 120 125
 52 Ile Ala Tyr Phe Phe Arg Glu Thr Glu Ile His Ser Tyr Pro Tyr Gln
 53 130 135 140
 55 Lys
 56 145
 59 <210> SEQ ID NO: 2
 60 <211> LENGTH: 145
 61 <212> TYPE: PRT
 62 <213> ORGANISM: Myxococcus xanthus
 65 <220> FEATURE:
 66 <221> NAME/KEY: mutagen
 67 <222> LOCATION: 112



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68 <223> OTHER INFORMATION: native Asp replaced with Cys

70 <400> SEQUENCE: 2

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74 Lys Gly Val Ile Gly Lys Ile Ile Ser Arg Phe Glu Glu Lys Gly Leu
75           20           25           30
77 Lys Pro Val Ala Ile Arg Leu Gln His Leu Ser Gln Ala Gln Ala Glu
78           35           40           45
80 Gly Phe Tyr Ala Val His Lys Ala Arg Pro Phe Phe Lys Asp Leu Val
81           50           55           60
83 Gln Phe Met Ile Ser Gly Pro Val Val Leu Met Val Leu Glu Gly Glu
84  65           70           75           80
86 Asn Ala Val Leu Ala Asn Arg Asp Ile Met Gly Ala Thr Asn Pro Ala
87           85           90           95
89 Gln Ala Ala Glu Gly Thr Ile Arg Lys Asp Phe Ala Thr Ser Ile Cys
90           100          105          110
92 Lys Asn Thr Val His Gly Ser Asp Ser Leu Glu Asn Ala Lys Ile Glu
93           115          120          125
95 Ile Ala Tyr Phe Phe Arg Glu Thr Glu Ile His Ser Tyr Pro Tyr Gln
96           130          135          140
98 Lys
99 145
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VERIFICATION SUMMARY

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